

Title (en)
STEERING COLUMN FOR A MOTOR VEHICLE

Title (de)
LENKSÄULE FÜR EIN KRAFTFAHRZEUG

Title (fr)
COLONNE DE DIRECTION POUR UN VÉHICULE AUTOMOBILE

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Application
EP 20700253 A 20200107

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Abstract (en)
[origin: WO2020144172A1] The present invention relates to a steering column (1) for a motor vehicle, comprising an outer casing unit (33), which can be connected directly or indirectly to the body of a motor vehicle and in which a casing tube (32) is held adjustably in the longitudinal direction, in which casing tube a steering spindle (31) is mounted rotatably about its longitudinal axis (L) extending in the longitudinal direction, and comprising a clamping device (4), which can be brought into a fixing position, in which it fixes the casing unit (33) relative to the casing tube (32), and into a release position, in which it releases an adjustment of the casing tube (32) relative to the casing unit (33) at least in the longitudinal direction, wherein the clamping device (4) has an engagement element (7) which extends in the longitudinal direction, is supported against the casing tube (32) and has an upper side (71) parallel to the longitudinal axis (L) and lateral edge sides (72), and a locking element (6), which is supported against the casing unit (33) in the longitudinal direction and can be moved by the clamping device (4) for adjusting the fixing position in the normal direction (N) of the upper side (71) against the engagement element (7), wherein complementary form-fitting elements (63, 73) formed on the locking element (6) and the engagement element (7) can be brought into engagement with each other in order to produce a form fit acting in the longitudinal direction, and wherein an energy absorption device (8) is arranged between the casing tube (32) and the engagement element (7). In order to reduce the manufacturing outlay during the production of a steering column (1) and to ensure high functional reliability, according to the invention, lateral form-fitting elements (73) are formed at least on one of the edge sides (72) of the engagement element (7).

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